

location intermediate the milk extracting location and the exit location, with said stalls passing by said cleaning location, said cleaning apparatus comprising:

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Cont.
- i) a mounting structure at the cleaning location;
 - ii) a cleaning section which is movable between a retracted position which is out of a path of travel of the stalls and a cleaning position when the cleaning section discharges cleaning fluid to clean an udder of the cow which is in a stall which is at the cleaning location;
- b) a control section comprising a location sensor responsive to location of the stalls and to provide signals identifying arrival times at which each of the stalls is at the cleaning location, said control section being arranged to cause the cleaning section to move, relative to the arrival times, from the retracted position to the cleaning position to discharge said cleaning fluid toward the udder of the cow, then to retract the cleaning section ^{from} ~~from~~ the cleaning position to complete a cleaning cycle, and when the stall in the cleaning location moves from the cleaning location, to again cause the cleaning section to move to the cleaning position to initiate a subsequent cleaning cycle as a following stall is arriving at the cleaning location.
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21. The system as recited in claim 20, wherein said control section further comprises a presence detector to detect the presence of a cow in a stall which is at the cleaning location.

3 21. The system as recited in claim 21, ² ~~21~~ whereas said presence detector comprises an electromagnetic detector which directs an electromagnetic wave toward the stall at the cleaning location and responds to the electromagnetic wave encountering a cow in the stall at the cleaning location to permit the cleaning cycle to take place.

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23. The system as recited in claim ~~20~~¹, wherein said location sensor responds to location elements which are arranged to move synchronously with said moving platform and are at spaced locations corresponding to spacing of said stalls.

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24. The system as recited in claim ~~23~~⁴, whereas said location sensor is a contact sensor and said location elements are arranged to come into contact with said location sensor as said platform moves.

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25. The system as recited in claim ~~24~~⁵, wherein said location elements are physical components of the milking parlor which move sequentially into engagement with the location sensor during movement of the platform.

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26. The system as recited in claim ~~25~~⁶, wherein said cleaning section comprises an extension arm on which a cleaning fluid dispensing portion is positioned, and said extension arm moves on a path of travel from the retracted position to the cleaning position where at least a portion of said extension arm is beneath the cow which is in the stall at the cleaning location.

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27. The system as recited in claim ~~26~~⁷, wherein said extension arm is arranged so that the path of travel extends between two legs of the cow.

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28. The system as recited in claim ~~27~~⁸, wherein said path of travel extends between two hind legs of the cow.

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29. The system as recited in claim ~~28~~⁹, wherein said extension arm is arranged so that the path of travel extends between a front leg and a hind leg of the cow.

REMARKS

Claims 1 through 19 have been canceled. No claims have been amended. Claims 20 through 29 have been newly added.

In the last Office Action, the claims were rejected on the basis of being anticipated under 35 U.S.C. § 102(b) by van der Berg et al. (U.S. 5,678,506). The claims presently in the application have been cancelled, and claims 20 through 29 have been submitted to distinguish more clearly over the van der Berg patent.